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Translation of Abstract

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A method and a device for monitoring a braking system, particularly a wheel-pressure sensor of a braking system in a motor vehicle, are provided, in which a fault is detected when a signal, which is representative for the difference in the brake pressures on the individual wheel brakes of one wheel axle, exceeds a difference threshold (250). The difference threshold is defined as a function of the mean rate of increase of the individual pressures on the wheel brakes (235 through 245). The fault detection occurs on the basis of a model, which takes into account the current operating state of the braking system.